

EXTINGUISH BEFORE A FIRE  
BREAKS OUT

## PROTECTING YOUR GRINDING, CONVEYING, SORTING AND BIOMASS STORAGE FACILITIES

In the field of energy recovery, the mechanical actions exerted on biomass during the treatment process can generate sparks or hot spots that can have serious consequences for storage cells, transport equipment and filtration systems. The use of biomass, i.e. organic matter mainly of plant origin, as a replacement for fossil fuels is becoming increasingly important in the energy sector. The processing of forestry chips, pellets or recycled wood can result in sparks and hot spots being produced, which represent a major risk of fire in this type of industrial process and put these facilities at risk. This is because malfunctions can occur between the reception/storage phase and the boiler that will produce the energy. Failure of a chain conveyor or overheating of a roller on a belt conveyor, wood jammed in a disc screen during sorting, but also self-combustion in storage areas are all phenomena that can occur at any time and quickly cause a fire to break out.

**GreCon's solutions identify and immediately eliminate these sources of ignition to protect high-risk process areas throughout the biomass treatment cycle.** Our preventive and curative protection systems protect all your equipment.

**BIOMASS**  
ENERGY



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# BIOMASS

ENERGY

## WHY GRECON?

- GreCon invented the spark and hot spot detection and extinguishing system for preventive fire protection.
- We have **50 years of experience** as a provider of **turnkey solutions**.
- More than **300,000 installations** around the world.
- Our locations and representatives around the world offer you reliable support and service.
- Our systems meet the most stringent regulatory standards.



## YOU BENEFIT FROM:

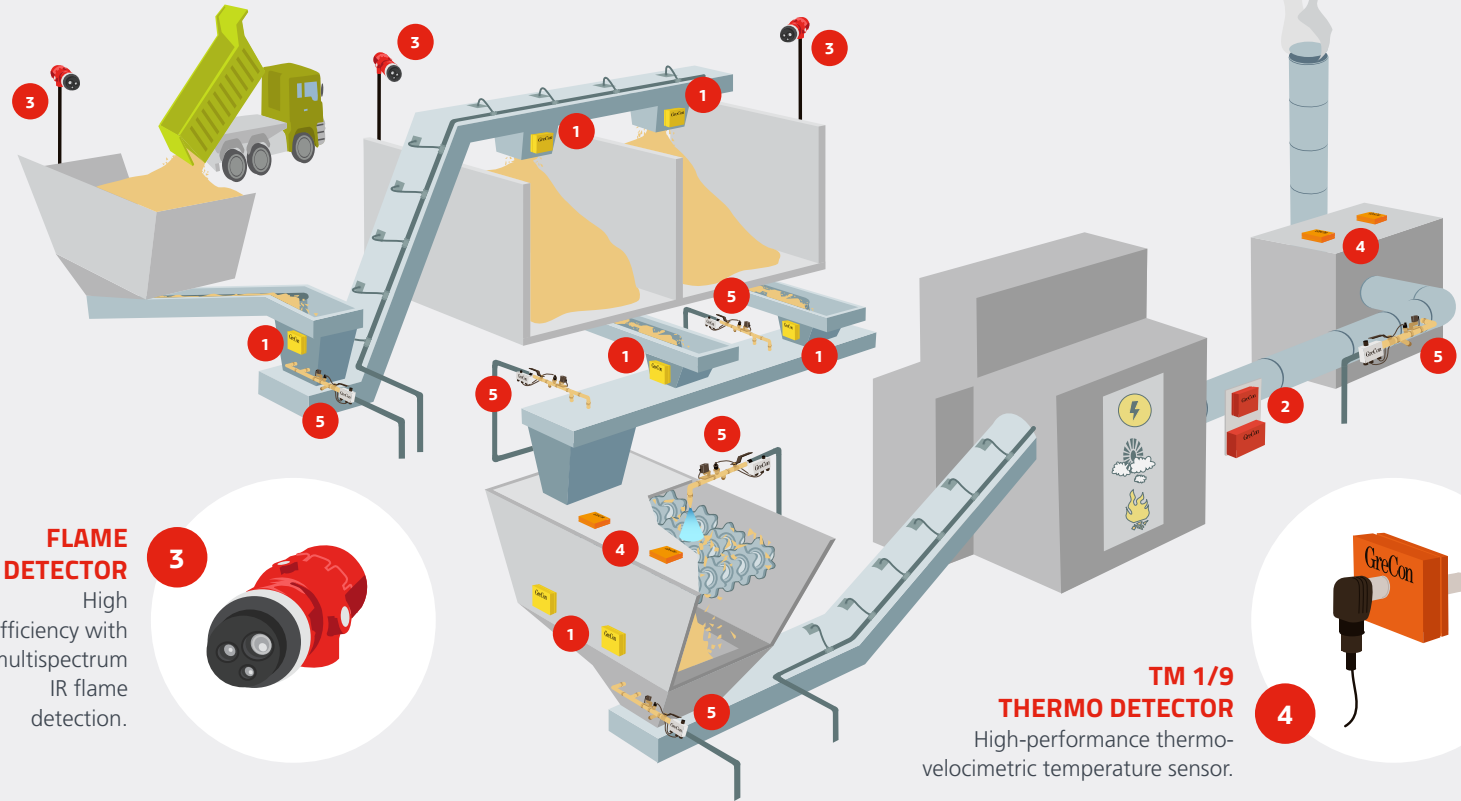
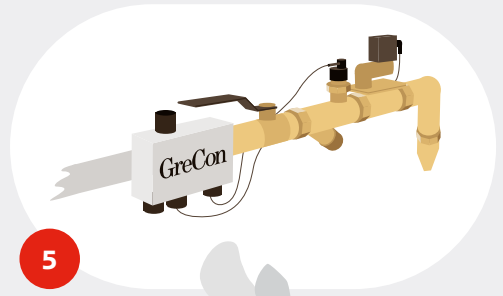
- **Extinguishing** all sources of ignition.
- **Avoiding** fires or explosions.
- **Avoiding** injury and material damage.
- **Maximising** the availability of your process.

**DLD 1/9 SPARK DETECTOR**  
High-sensitivity hot-spot and ignition source detector.



**FM 1/8 OR 3/8 SPARK DETECTOR**  
High-sensitivity spark and ignition source detector.

**EXTINGUISHING MODULE**  
Targeted, ultra-fast automatic extinction of detected particles.



**FLAME DETECTOR**  
High efficiency with multispectrum IR flame detection.



**TM 1/9 THERMO DETECTOR**  
High-performance thermo-velocimetric temperature sensor.



**FIRE PREVENTION**  
PROBABILITY REDUCTION

**GreCon EXPERTISE**

**FIRE PROTECTION**  
DAMAGE REDUCTION

